

ABSTRACT

A dye-sensitized solar cell according to one aspect of the present invention includes: a first base member having a first substrate provided with a light-transmitting property, a light-transmitting conductive layer formed on a surface of the first substrate and a semiconductor electrode formed on a surface of the light-transmitting conductive layer and containing a sensitizing dye; a second base member having a second substrate and a catalyst layer formed on a surface of the second substrate in such a manner that the catalyst layer faces the semiconductor electrode; an electrolyte layer formed between the semiconductor electrode and the catalyst layer; and either a collector electrode containing tungsten or a pair of collector electrodes, at least one of which contains tungsten, to collect charge from the semiconductor electrode. The dye-sensitized solar cell of this aspect of the present invention not only shows a sufficient photoelectric conversion efficiency but attains excellent durability by prevention of collector electrode corrosion.